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Practitioner's Docket No. U 013051-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yitzhak COHEN, et al.

Serial No.: 09/710,171

Group No.: 2152

Filed: November 10, 2000

Examiner: - -

For: ADAPTIVE MANAGEMENT CENTER ESPECIALLY USED FOR POINT OF SALE
TERMINALS

Assistant Commissioner for Patents
Washington, D.C. 20231

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TRANSMITTAL OF CERTIFIED COPY

Attached please find the certified copy of the foreign application from which priority is claimed for this case:

Country: ISRAEL

Application

Number: 132942

Filing Date: November 15, 1999

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Date: March 16, 2001

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SIGNATURE OF PRACTITIONER

Julian H. Cohen

(type or print name of practitioner)

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New York, N.Y. 10023

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent, if the foreign application is referred to in the oath or declaration, as required by § 1.63." 37 C.F.R. 1.55(a).



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לשכת הפטנטים

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documents as originally
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application of which
particulars are specified on the
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זאת לתעודה כי רצופים
בזה העתקים נכונים של
המסמכים שהופקדו
לכתחילה עם הבקשה
לפטנט לפי הפרטים
הרשומים בעמוד הראשון
של הנספח.

This 16-11-2000 היום


רשם הפטנטים

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חוק הפטנטים, התשכ"ז -- 1967
PATENTS LAW, 5727-1967

ב ק ש ה ל פ ט נ ט

Application for Patent

C:36130

אני, (שם המבקש, מענו -- ולגבי גוף מאוגד -- מקום התאגדותו)

I (Name and address of applicant, and, in case of body corporate-place of incorporation)

LIPMAN ELECTRONIC ENGINEERING LTD.

11 Ha'amal Street

Park Afek

Rosh Ha'ayin

ליפמן הנדסה אלקטרונית בע"מ

רחוב עמל 11

פארק אפק

ראש העין

(An Israeli Company)

(חברה ישראלית)

By law ששמה הוא

Owner, by virtue of

הדין בעל אמצאה מכח

of an invention, the title of which is:

נורית סנטר

(בעברית)

(Hebrew)

NURIT CENTER

(באנגלית)

(English)

hereby apply for a patent to be granted to me in respect thereof

מבקש בזאת כי ינתן לי עליה פטנט

* בקשה חלוקה - Application for Division		* בקשת פטנט מוסף - Application for Patent of Addition		* דרישה דין קדימה Priority Claim	
מבקשת פטנט from Application		לבקשה/לפטנט to Patent/Appl.		מספר/סימן Number/Mark	תאריך Date
No. _____ מס. dated _____ מיום		No. _____ מס. dated _____ מיום			
* יפוי כח: כללי/מיוחד - רצוף בזה / עוד יוגש P.O.A.: general / individual - attached / to be filed later - הוגש בענין _____ המקן למסירת הודעות ומסמכים בישראל Address for Service in Israel <u>Sanford T. Colb & Co.</u> <u>P.O.B. 2273</u> <u>Rehovot 76122</u>					
חתימת המבקש Signature of Applicant For the Applicant, <u>Sanford T. Colb & Co.</u> C:36130		היום 15 _____ שנת 1999 _____ of the year		בחודש November _____ of	
				לשימוש הלשכה For Office Use	

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This form, impressed with the Seal of the Patent Office and indicating the number and date of filing, certifies the filing of the application, the particulars of which are set out above.

* מחק את המיותר Delete whatever is inapplicable

נורית סנטר

NURIT CENTER

LIPMAN ELECTRONIC ENGINEERING LTD.

ליפמן הנדסה אלקטרונית בע"מ

C: 36130

FIELD OF THE INVENTION

The present invention relates to database and human interface generation generally and with specific applicability to point of sale (POS) terminals.

BACKGROUND OF THE INVENTION

Various types of management software are known in the art. This software is used for management of point of sale terminals, for downloading software applications into such terminals and also providing specific parameters for the configuration of these terminals. In the prior art, according to the requirements of each terminal, the software house may need to download various applications to various terminals, which may require also various configuration parameters. Thus, the software house is required to provide application specific programs, screens and databases for the management center, to deal with the specific application. The software house must be familiar with the application of the point of sale terminals as well as with the structure of the management programs, to be added to the application specific screens.

SUMMARY OF THE INVENTION

The present invention seeks to provide tools for building an application software and "application specific configuration files" for point of sale terminals--(POS) and perform an adaptive management center which accepts said application and said application specific configuration files and

automatically builds databases, screens and rules of operation to enable an operator to define, control and manage any application for each specific merchant or group of merchants.

The present invention also includes a system and a method as described in the drawings and appendices hereto or any combination or subcombination thereof.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be understood and appreciated more fully from the following detailed description, taken in conjunction with the drawings in which:

Fig. 1 illustrates the prior art; and

Fig. 2 illustrates a preferred embodiment of the present invention.

BRIEF DESCRIPTION OF THE APPENDICES

The appendices hereto contain descriptive material and software code in hexadecimal form which are believed to be sufficient to enable a person of ordinary skill in the art to carry out the invention.

DETAILED DESCRIPTION OF A PREFERRED EMBODIMENT

Reference is now made to Fig. 1, which describes the prior art and to Fig. 2 which illustrates a preferred embodiment of the present invention. Fig. 2 should be considered together with the appendices which together are believed to be sufficient to enable a person of ordinary skill in the art to carry out the invention.

It will be appreciated by persons skilled in the art that the present invention is not limited by what has been particularly shown and described hereinabove. Rather the scope of the present invention includes both combinations and subcombinations of features embodied in the specification including the drawings and the appendices as well as modifications and variations thereof which would occur to a person skilled in the art upon reading the specification and which are not in the prior art.

C L A I M S

1. An adaptive management center which accepts an application and application specific configuration files and automatically builds databases, screens and rules of operation to enable an operator to define, control and manage a specific application for each specific merchant or group of merchants.

2. A system substantially as shown and described hereinabove.

3. A system substantially as shown and described in any combination of the drawings and appendices hereto.

4. A method substantially as shown and described hereinabove.

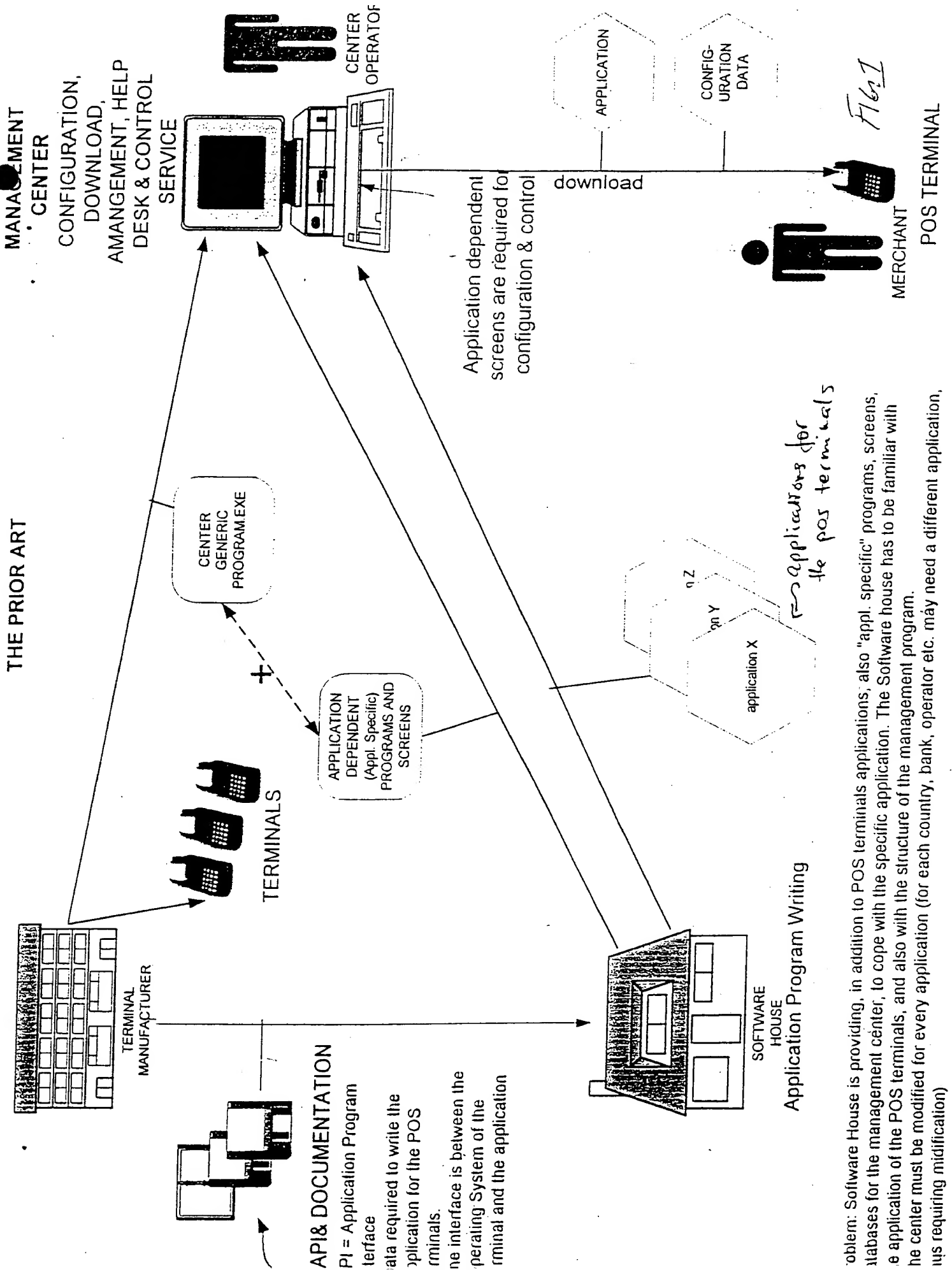
5. A method substantially as shown and described in any combination of the drawings and appendices hereto.

For the Applicant,

Sanford T. Colb & Co.

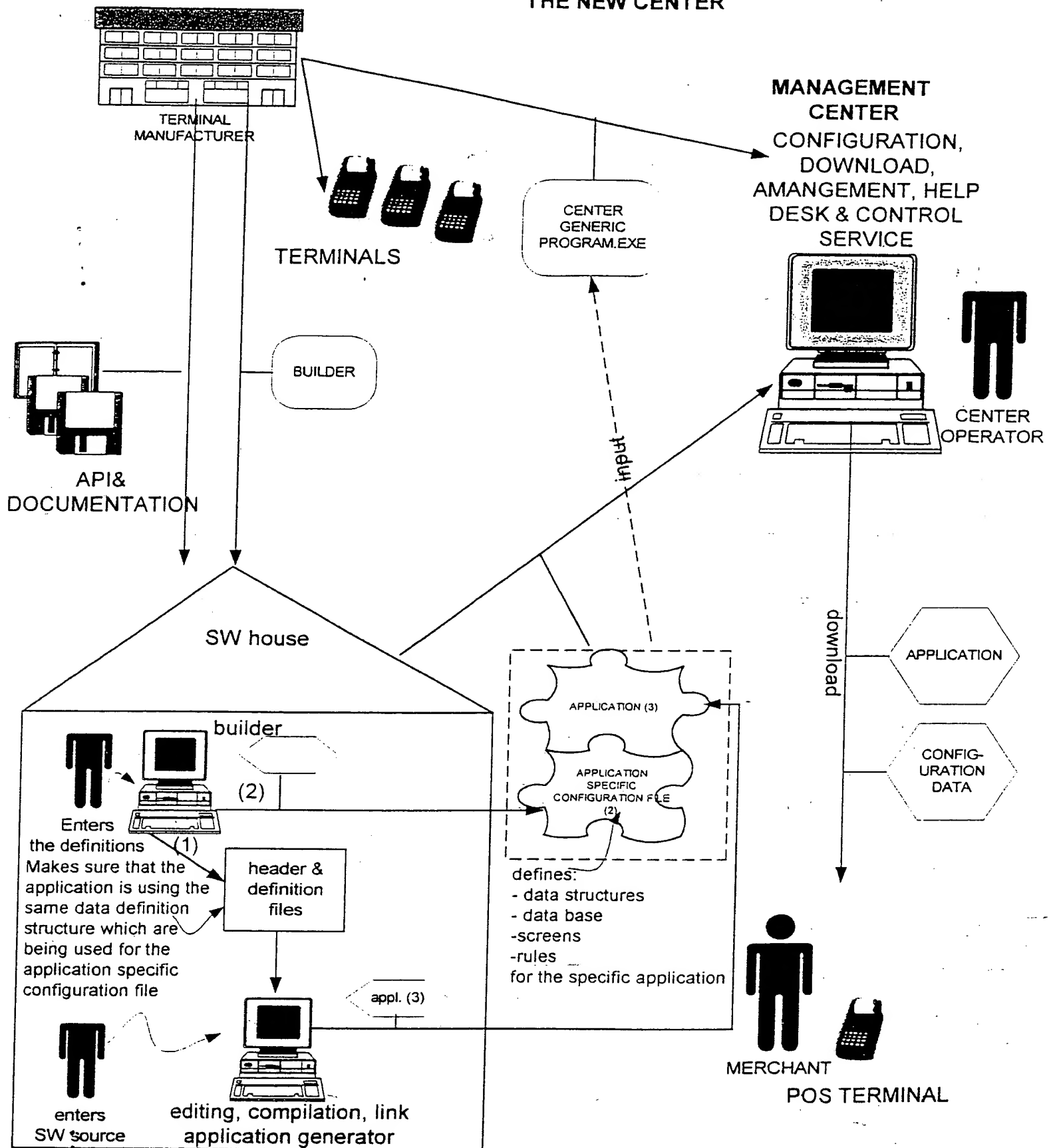
Advocates & Patent Attorneys

C: 36130 HB-9911



Problem: Software House is providing, in addition to POS terminals applications, also "appl. specific" programs, screens, databases for the management center, to cope with the specific application. The Software house has to be familiar with the application of the POS terminals, and also with the structure of the management program.
The center must be modified for every application (for each country, bank, operator etc. may need a different application, thus requiring modification)

THE NEW CENTER



Center Generic programs accept the application + application specific configuration files and automatically builds the databases, screens, rules to enable the operator to define, control and manage the specific application for each specific merchant or group of merchants.

Objetives:- SW haouse is now writing only the application for the terminals and there is no need to know anything or understand the software of the center. - appl. dependent program & screens are eliminates - one center filts all regions/appl./countries etc. - center is independent of the application

Fig 2